

# User Manual



**WIFI Device**

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## Forward

WIFI device use 3G network, through information system installed in the vehicle, to provide long-distance and diversified information service for the vehicle driving. It represents the trend and the aspect of automotive information development in the word.

It is a solution to adapt to the 3G internet for the vehicle. Users can connect and share high-speed 3G network. As the 3G internet appear, through WIFI wireless router to share 3G connection has become many people's needs. We pushed out this 3G router is such a product, after this router will be built in the vehicle system, it can be convenient share 3G connection through WIFI network. Thus it can conveniently make notebook and other WIFI device connected Internet anytime and anywhere.



## GPS and Internet function instruction

Before use this product, please read this manual to ensure safety and use correctly.

### □ Accessories illustration



WIFI device (one)



power cable (one) A/V cable (one)

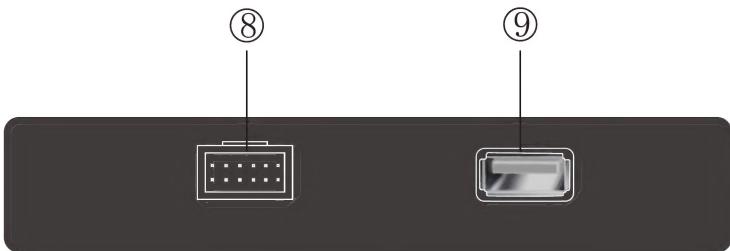
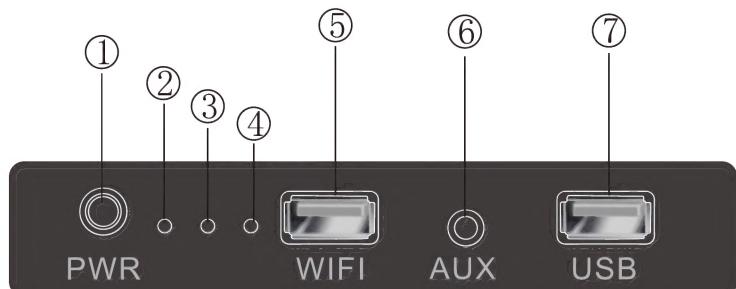


USB cable (two)



Internet cable (one)

### □ Accessories parts graph



BACK

### □ Accessories part denomination

① Power button	② Power indicator	③ 3G indicator
④ WiFi indicator	⑤ WiFi interface	⑥ A/V interface
⑦ Hard disk interface	⑧ Power interface	⑨ Car DVD player interface

### □ WiFi device parameter

Product dimension: 94\*54\*13mm(L\*W\*H)

Antenna: Built-in antenna

3G card: Built-in 3G module

Firewall management: support MAC/IP/Port filter; support NAT/NAPT, support URL filter.

WiFi transmission distance: the furthest distance is 50 meters indoor, the furthest distance is 100 meters outdoor (according to the environment),

Wireless transmission rate: Wireless transmission rate reach up to 150mbpsw.

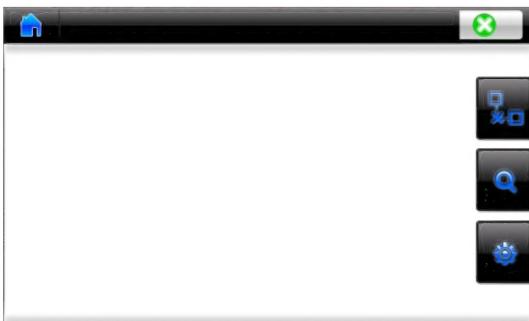
# 23 WIFI internet function Instruction.

## Internet function Instruction

Notes: Before go to internet, need to install the 3G model ( Hua wei E1550) and insert 3G card. Or install WIFI Wireless receiver (Zhicheng CP1806) and connect the wireless network signal to go to internet in this system. Touch the main interface “Navigation” Icon, or press the panel “NAVI” button to enter in to the main interface navigation. The menu as following.



1. Select the top right of Internet sign   in the interface navigation,  icon on the left marked as 3G Internet and on the right marked as WIFI Internet. Access to the WIFI setting menu as follows.



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2. Select the search sign in the interface navigation  , then will search some related WIFI network. Such as, it will have WIFI network named Wincalcd nearby and will display on the left of the search sign. Select “wincalcd” network and press  the determined button. And disconnect network only need to press the  menu as follow.



3. After existing “wincalcd” network, input WIFI password and press  the determined button, the menu as follow.

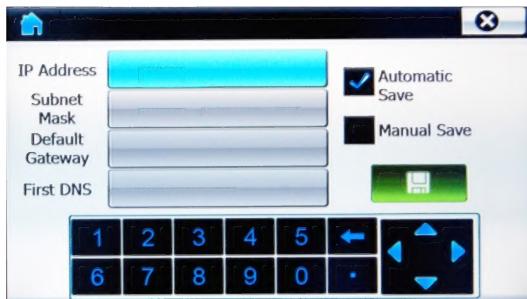


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4. After input the WIFI password, if the connection is successful will appear as shown in the left view, if the connection fails there will be shown in the right view, as shown below:



5. Click the  icon to enter the following page, under the internet protocol (TCP / IP) Properties settings, Generally you can get assigned an IP address automatically, as the computer network property settings .



6, If wifi connection is successful, will return to the main navigation interface, click the  icon, it will enter the system default page, as shown below so you can access the internet ..

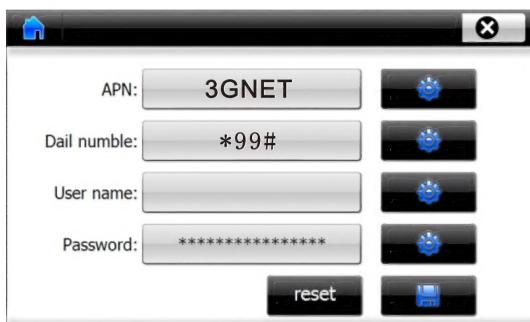


## 3G Internet functions description

Click the Navigation icon in the main interface to enter the navigation main interface as shown below:



1. Choose the icon in the top right of Internet navigation interface, on the left mark icon it is 3G internet, on the right mark for wifi icon, click icon to enter the 3G setting interface, as shown below



2. Choose the APN in the navigation interface access input box, then click button, enter the following picture, enter the access point, such as 3G 3GNET, click button to return to the 3G main interface, shown above picture, then enter the port number dial number then click key to return the 3G main interface .



3. After Finish entering the access point and the port number, click the save icon in the 3G main interface, save the settings after will be back on to restart Internet navigation interface



4. Choose the  browser in the navigation interface, enter the Internet page will display 3G connected, means connection is successful, if connection failure will be shown as below



## Router Parameters Instruction

### AP module wifi wireless parameters

Wi-Fi Transmission rate	150Mbps
3G format	WCDMA 、 TD-SCDMA 、 CDMA2000
Wireless safety	Wireless MAC address filtering 64/128/152 WEP Encryption WPA-PSK/WPA2-PSK 、 WPA/WPA2 Security
Operating Temperature	-10 ~ 55 °C
Frequency range	2.4~2.4835GHz
Voltage	DC 12V

### Factory default parameters

Basic on Web menu, the default landing name and passdoe is admin . the default LAN PI address is : 192.168.0.1

	Defaults
User name:	admin
Password:	admin
LAN IP Address	192.168.0.1

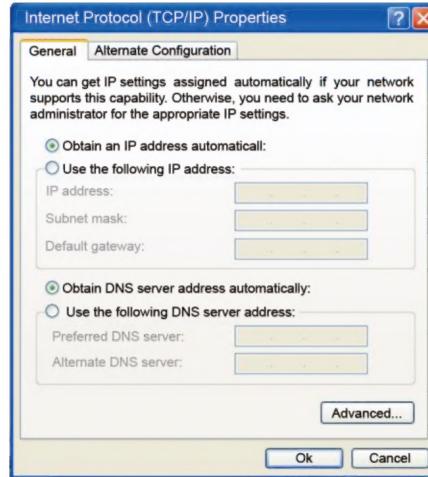
### 1.3 Description of LED light.

LED light	Status	Description
PWR (POWER)	Normal bright	Connecting the power and working status
	OFF	Power disconnected
WiFi	Normal bright	WiFi is working
	Blink	Wireles network is receiving and sending data
	OFF	WiFi is not working
3G	Normal bright	3G network Connected successfully
	Blink	3G network (Dialing) Connecting
	OFF	3G network disconnected

### Internet Setting

To take the Windows 7 for an example, press “ ” menu, open “Control Panel”, double click “Network” in the dialog box of Control Panel, choose “Change the Adapter Setting” in the “Network and Share” page, modify parameter(TCP/IPv4) in the “Wireless Network Link Attribute” Page. There are two ways to set.

1.1 The first way to get IP and DNS automatically, as following picture:

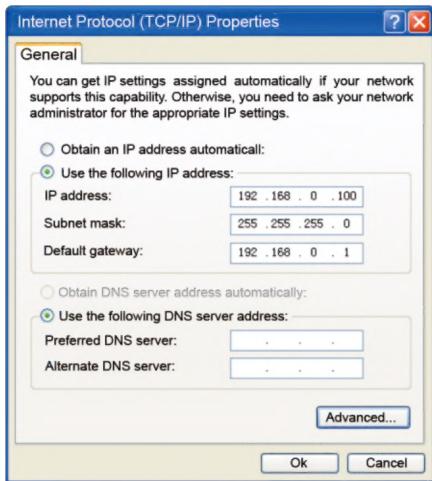


1.2 The second way to set static IP address.

IP address: 192.168.0.X (X should be any integer between 100–200)

Sub–net mask: 255.255.255..0

Default gateway: 192.168.0.1, as following picture:



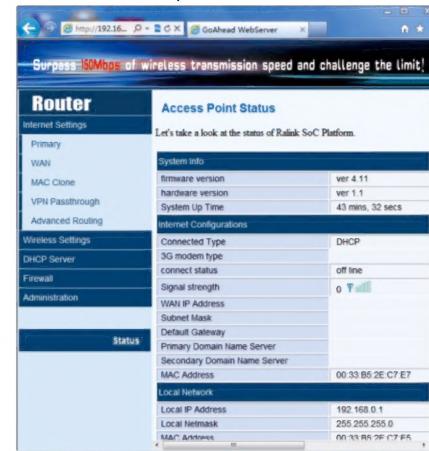
## 1. Login Web configuration page

2.1 The device is setting “192.168.0.1” as default profile. Open IE browser of computer, input “192.168.0.1” enter User–login Authentication Interface.

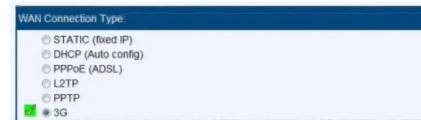


2.2 Should using default user name and password when login the system for the first time. All the default user name and password are admin. User could change the password for the administrator account after entering the system.

2.3 Input the correct user name and password to enter the Web Setting page of CP1806.



2.4 Click the WAN “ **WAN** ” , change the WAN Connect–box Type to “3G” , as following picture:



Setting the 3G ISP parameter:



## Attention:

- 1 The Dial-up parameter should be subject to local ISP.
- 2 The 3G network card, which is supported by our devices, may would be not supported by our devices in the future if the supplier changes the inner parameter which we can't support. We can't exclude this status.

Description of functions as following:

Interface Item	Description
USB 3G modem	Choose your network type of 3G
Connect Status	Status of 3G network
Dial Setting	Dial-up: Automatic dialing and Manual dialing Parameter of dial-up: default and user-defined
User	Check with your local ISP about the user name. For example, China Telecom is cnet@mycdma.cn
Password	Check with your local ISP about the password. For example, China Telecom is vnet.mobi
Dial Number	Check with your local ISP about the dial number. For example, China Telecom is #777
APN	Check with your local ISP about APN. For example, China Telecom is cmnet
Authentication	Method of 3G authentication
PIN	Personal Identification Number (PIN) of SIM card. Input PIN according to ISP.

If ISP can not provide above data, then no need to input. For example, if the modem you buy is named HUAWEI E1750, SIM card is WCDMA, then at “USB 3 G Modulation and decoder”, select HUAWEI E1750, input “user name” and “pass code”, etc. into dial data, then click “confirm”, finished. Pls confirm, in 3G setting menu, the 3G modem NO. should be same as the real modem name, the data you input is correct, that means, all the data setting should be followed the IPS request.